

ABSTRACT OF THE DISCLOSURE

A light source including at least one laser diode module and a heat pipe having a heat absorbing portion and a heat radiating portion. The laser diode module includes a metal substrate mounting a laser diode chip and an optical component, and a peltier device thermally connected with the metal substrate. The heat absorbing portion of the heat pipe is thermally connected with the peltier device. The light source preferably includes a plurality of densely placed laser diode modules, each of which has an output of at least 100 mW. The light source also preferably includes a plurality of heat pipes having heat radiating fins on the heat radiating portions thereof.